



Missouri

Department of Elementary  
& Secondary Education

**Career Education**

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## Strategic Plan 2006-2010

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### Our Vision

To provide leadership and support so that all student learning is integrated, purposeful and career oriented to ensure individual and state success and prosperity

### Our Mission

To provide high-quality high-skill opportunities for lifelong learning, personal growth, and career success.

### We Value

High standards, essential skills taught with rigor and relevance for all students, and high-quality professional development for teachers.

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### Assistant Commissioner 's Remarks

Missouri's economy depends on the knowledge and skills of our workers more than ever before in our history. For Missouri to be competitive in the knowledge-based economy, it is critically important that we have an educational system that prepares our workforce with world-class skills. And, education is the centerpiece of the knowledge-based economy.

We know that the future belongs to those who can embrace change and seize opportunities when they arise. We also know that change and innovation require an educated, skilled, and adaptable workforce.

We started focusing on developing the Division's first strategic plan in January 2004. There have been many drafts, meetings, and discussions around the plan over the last two years. The plan will continue to be revised and updated as needed.

This strategic plan is a way to help the Division navigate the challenge of a changing future. Soren Kierkegaard said, "Life can only be understood backward. But it must be lived forward."

The strategies in the plan serve as a foundation for detailed planning and implementation at the state level and partnerships with stakeholders across Missouri. The Division of Career Education's programs, services and activities are perfectly positioned to

provide "essential skills for **all** students."

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## Strategic Focus

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- ▶ Accountability
  - ▶ Data Plan
  - Focus on Performance
- ▶ Professional Development and Knowledge Development
  - ▶ Curriculum Integration
  - ▶ Career Paths and Clusters
  - ▶ Accreditation/Certification of Programs and Teachers
  - ▶ Advanced Education for Teachers
  - ▶ Promotion of Programs
    - ▶ High Schools That Work
    - ▶ Project Lead The Way
    - ▶ Missouri Option
  - ▶ Distance Learning
  - ▶ Learning Difficulties
  - ▶ Content Standards
- ▶ Future Focus
  - ▶ Connection to High School Reform
  - ▶ Emphasis on High Demand Occupations
  - ▶ Increase Enrollment in Career Education
  - ▶ Distance Learning
  - ▶ Emphasis on English Language Learners
  - ▶ Increase Collaboration with Workforce Development

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## Department Key Outcome I: Student Achievement and Teacher Quality

### Division Outcome 1: Career Education Student Achievement and Teacher Quality

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#### Goal One: Improve Teacher Quality

##### Objectives

1. Decrease the percentage of Career Education teachers that are inappropriately certified from 8.6 percent in fiscal year (FY) 2004 to 4.5 percent by FY10.
2. Increase the percentage of career education programs which are notionally/industry accredited from 19 percent in FY04 to 30 percent in FY10.
3. Increase the percentage of career education teachers that hold national or industry specific certification from <1 percent in FY04 to 10 percent in FY10.

4. Increase the percentage of career education teachers that hold advance degrees from 41 percent in FY05 to 50 percent in FY10.
5. Reduce the turnover rate of career education teachers from 13 percent in comparison to 7 percent for all teachers in FY04 to equal the turnover rate of all teachers by FY10.
6. Increase the percent of career education teachers that are participating in high quality professional development from 80.3 percent in FY05 to 90 percent in FY10.

**Goal Two:  
Improve Quality of Curriculum**

Objectives

1. Emphasize rigorous and relevant curriculum that is problem-based; where students analyze, define and solve problems.

**Goal Three:  
Improve Data Quality**

Objectives

1. Develop a data plan.

**Goal Four:  
Improve Minority Student Achievement**

Objectives

1. Minority career education students achievement in math and communications arts will equal the achievement of non-minority career education students by FY10.

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## **Department Key Outcome II: School Readiness**

### **Division Outcome 2: Improve the Quality of Child Care Professionals**

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**Goal One:  
Improve Quality of Child Care Professionals**

Objectives

1. Maintain or increase the number of Child Development Associate (CDA) programs at or above 24 in FY04 through FY10.

**Goal Two:  
Improve the Number of Child Care Program Completers**

Objectives

1. Maintain or increase the percent of child care program students that achieve a training related placement at or above 58 percent in FY04 through FY10.
2. Maintain or increase the number of students enrolled in CDA programs from at or above 223 in FY04 through FY10.

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## **Department Key Outcome III: School Completion**

### **Division Outcome 3: Improve Dropout Prevention and Recapture**

#### **Goal One:**

#### **Improve Access to and Performance of At-Risk Programs**

##### Objectives

1. Increase the percent of successful outcomes from at-risk centers from 89 percent to 92 by FY10.
2. Increase student access to at-risk services by increasing the number of districts operating division funded at-risk programs.
3. Increase the passing rate of students enrolled in the Missouri Option Programs from 71.3 percent in FY04 to equal the pass rate of all students that take the General Education Development (GED) test of 76 percent in FY10.
4. Increase the impact of the State Literacy Hotline and the reporting of dropouts by increasing enrollment of students reported as dropouts into Adult Education and Literacy (AEL) programs from 19 percent in FY04 to 25 percent in FY10.

#### **Goal Two:**

#### **Improve Student Transition and Positive Placement Upon Graduation [Secondary, Postsecondary and Adult]**

##### Objectives

1. Increase the percent of students that are positively placed from 66 percent in FY04 to 75 percent in FY10.
2. Increase the number of districts offering career education from 328 FY04 to 361 in FY10.

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## **Department Key Outcome IV: Workforce Readiness**

### **Division Outcome 4: Exceed Federal Performance Standards by Five Percent or More Each Year**

#### **Goal One:**

#### **Improve Career Education Student Outcomes**

##### Objectives

1. Maintain or increase the percent of high school students participating in career education programs to at least 45 percent of the total 9-12 population through FY10.
2. Maintain the percentage of students with disabilities enrolled in career education to within 10 percent of the percent of students without disabilities who are enrolled in career education through FY10.
3. Maintain academic achievement for career education students equal to or above that of the general student population as measured by the Missouri Assessment Program (MAP) through FY10.
4. Maintain or exceed a career education student skill attainment rate of 88.75 percent through FY10.
5. Maintain or exceed a career education student completion rate of 94.37 percent through FY10.
6. Maintain or exceed a career education student placement rate of 90.21 percent through FY10.

**Goal Two:  
Improve Adult Education and Literacy Student Outcomes**

Objectives

1. The percent of student pre-tested will increase from 89.9 percent in FY05 to 93 percent in FY10.
2. The percent of students post-tested will increase from 56.1 percent to 80 percent in FY10.
3. The percent of students with 12 hours or more that attain a GED certificate will increase from 31 percent in FY05 to 50 percent in FY10.
4. The percent of students with 12 hours or more that list a goal of obtaining employment will increase from 55 percent in FY05 to 75 percent in FY10.
5. The percent of students with 12 hours or more that retain employment will increase from 74 percent in FY05 to 85 percent in FY10.
6. The percent of students with 12 hours or more with a goal to enter postsecondary education will increase from 34 percent in FY04 to 45 percent in FY10.

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### **Career Education Facts**

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During Fiscal Year 2005 over 56 percent of Missouri High School Students (grades 9-12) participated in career education programs, services, and activities.

More than 33,375 high school students from 428 school districts received occupational skill training at area career centers or districts offering approved career education programs in Fiscal Year 2005.

As reported in Fiscal Year 2005 follow-up of 2004 graduates, 84 percent of the occupational career education program graduates were placed in employment, continued their education, or enlisted in the military services. Seventy-three percent were placed in employment, continuing education, or military services related to their career education occupational training.

In Fiscal Year 2005, the total number of students enrolled in the Adult Education and Literacy program were 60,454. Of this amount, 12,218 were classified as English Language Learners (ELL).

Of the 3,683 who identified GED achievement as a goal of participating in the Adult Education and Literacy program in Fiscal Year 2005; 1,309 took the GED test of which 1,139 (87 percent) passed.

In Fiscal Year 2005, 55 percent of those who stated that employment was a goal of participating in the Adult Education and Literacy program entered employment.

In Fiscal Year 2005, 55.8 percent of the students enrolled in the Adult Education and Literacy program progressed at least one education level.

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